

## Engineering by Tank Connection

**The Recognized Experts in Storage** – Tank Connection Affiliate Group is a collection of the recognized experts in RTP (rolled tapered panel), API 12B (flanged panel), FP (flat panel), Field-weld, Shop-weld and Hybrid tank fabrication. **With over 2,100 years of combined experience in storage applications, Tank Connection stands alone as a global leader in storage containment!**

TC provides assistance at every stage of your project. Our dedicated site for liquid storage, [www.liquidtanks.com](http://www.liquidtanks.com), has tools that make it possible to select and specify a liquid tank in less than five minutes. Our capacity calculators are easy to use and have become the industry standard for quick reference. Specifications for AWWA D103, AWWA D100, EN 15282, Factory Mutual, NFPA 22, RTP (rolled, tapered panel), AISC and API 650 can easily be downloaded and custom tailored for your applications.



Bolted RTP, Field-weld & Hybrid Tank Construction

**Liquid  
Tanks.com**

Specify a liquid tank in less than 5 minutes at

Specification	Title	Construction Type	Applications	Applicable Territories	Tank Connection PDT*	Competitor PDT*
<b>AWWA D103</b>	American Water Works Association	Bolted	Municipal Water Industrial Water Wastewater	Worldwide	40+ Years	30+ Years
<b>AWWA D100</b>	American Water Works Association	Welded	Municipal Water Industrial Water Wastewater	Worldwide	40+ Years	40+ Years
<b>FM 4020 FM Principles</b>	Factory Mutual Not Approved Listing	Bolted, Welded	Fire Protection Water	Worldwide	40+ Years	30+ Years 10+ Years
<b>NFPA - 22</b>	National Fire Protection Association	Bolted, Welded	Fire Protection Water	Worldwide	40+ Years	30+ Years
<b>AISC</b>	American Institute of Steel Construction	Bolted, Welded Hybrid	Municipal Water Industrial Water Wastewater	Worldwide	40+ Years	20+ Years
<b>EN 15282</b>	British Standard - European Standard for Standardization	Bolted - glass coated tanks	Municipal Water Industrial Water Wastewater	Europe	40+ Years	25+ Years
<b>API 650</b>	American Petroleum Institute	Welded	Water, Petroleum Industrial Liquids	Worldwide	40+ Years	40+ Years

\* PDT - Plate Design Thickness

### Typical Liquid Tank Capacities *(Reference TC's Capacity Charts for "diameter x height" sizing)*

#### **BOLTED RTP TANK DESIGNS - Reservoirs**

- 25,000 up to 8,000,000 gallons
- 95 up to 30,284 cubic meters

#### **BOLTED RTP TANK DESIGNS - Elevated**

- 200,000 up to 1,200,000 gallons
- 760 up to 4,540 cubic meters

#### **BOLTED RTP TANK DESIGNS - Standpipe**

- 50,000 up to 1,000,000 gallons
- 190 up to 3,780 cubic meters

#### **HYBRID TANK DESIGNS\***

- 25,000 up to 12,000,000 gallons
- 95 up to 45,420 cubic meters

#### **FIELD-WELD TANK DESIGNS**

- 100,000 up to 25,000,000 gallons
- 380 up to 94,620 cubic meters

*\*Note: Hybrid construction combines bolted RTP construction with field-weld and concrete component features.*